What is claimed is:

1. An aerosol solvent weld cement composition for welding plastic pipe, said composition comprising:

(a) at least one resin adapted bond to said plastic pipe;

(b) at least one solvent; and

(c) at least one propellant;

said composition being under a pressure greater than ambient atmospheric pressure.

2. An aerosol solvent weld cement composition according to claim 1 wherein said at least one resin is selected from the group consisting of chloropolyvinylchloride resins, polyvinylchloride resins, ABS resins and (butyrate) and acrylic resins.

3. An aerosol solvent weld cement composition according to claim 1 wherein said at least one resin comprises from about 10% to about 30% by weight of said aerosol solvent weld cement composition.

4. An aerosol solvent weld cement composition according to claim 3 wherein said at least one resin comprises chloropolyvinylchloride resin present in an amount of about 10% by weight of said aerosol solvent weld cement composition.

5. An aerosol solvent weld cement composition according to claim 1 wherein said at least one solvent is selected form the group consisting of tetrahydrofuran, acetone, diethoxyethane, N-methyl pyrroidone, dibasicesters, alkylene carbonates, dimethyl formamide, ethylacetate, methylisobutyl ketone, methyl alcolhol, cyclohexanone, and methylethylketone and mixtures thereof.

6. An aerosol solvent weld cement composition according to claim 1 wherein said at least one solvent comprises from about 50% to about 80% by weight of said aerosol solvent weld cement composition.

7. An aerosol solvent weld cement composition according to claim 1 wherein said at least one solvent comprises about 40% by weight tetrahydrofuran, 15% by weight acetone, 10% by weight cyclohexanone, and 5% by weight methylethylketone.

8. An aerosol solvent weld cement composition according to claim 1 additionally comprising a suspending agent.

9. An aerosol solvent weld cemennt composition according to claim 8 wherein said suspending agent is amorphous silica.

10. An aerosol solvent weld cement composition according to claim 1 wherein said at least one propellant comprises a substance selected from the group consisting of dimethyl ether, isobutane, butane, propane, nitrogen, carbon dioxide, 1-difluoroethane, tetrafluoroethane and mixtures thereof.

11. An aerosol solvent weld cement composition according to claim 10 wherein said at least one propellant is dimethyl ether.

12. An aerosol solvent weld cement composition according to claim 11 wherein said at least one propellant is dimethyl ether and wherein said dimethyl ether is present in an amount of between about 20 % to about 35% by weight of said aerosol solvent weld cement composition.

13. An aerosol solvent weld cement composition according to claim 12 wherein said dimethyl ether comprises about 30% of said aerosol solvent weld cement composition .

14. An aerosol solvent weld cement composition in a container for welding plastic pipe, said composition comprising:

(a) at least one resin adapted to bond to said plastic pipe;

(b) at least one solvent; and

(c) at least one propellant;

said composition being under a pressure greater than ambient atmospheric pressure; and

said composition disposed in a container adapted to contain said pressurized aerosol solvent weld cement composition, said container comprising an outlet and a valve to control the release of said pressurized aerosol solvent weld cement from said container.

15. An aerosol solvent weld cement composition in a container according to claim 14 wherein said at least one resin is selected from the group consisting of chloropolyvinylchloride resins, polyvinylchloride resins, ABS resins and (butyrate) and acrylic resins.

16. An aerosol solvent weld cement composition in a container according to claim 14 wherein said at least one solvent is selected form the group consisting of tetrahydrofuran, acetone, diethoxyethane, N-methyl pyrroidone, dibasicesters, alkylene carbonates, dimethyl formamide, ethylacetate, methylisobutyl ketone, methyl alcolhol, cyclohexanone, and methylethylketone and mixtures thereof.

17. An aerosol solvent weld cement composition in a container according to claim 14 wherein said aerosol solvent weld cement composition additionally comprises a suspending agent.

18. An aerosol solvent weld cement composition in a container according to claim 14 wherein said at least one propellant is selected from the group consisting of dimethyl ether, isobutane, butane, propane, nitrogen, carbon dioxide, 1-difluoroethane, tetrafluoroethane and mixtures thereof.

19. An aerosol solvent weld cement composition in a container according to claim 14 wherein said container comprises a 360 degree valve.

20. An aerosol solvent weld cement composition in a container according to claim 14 wherein said container comprises an unrestricted actuator.

21. A method of dispensing an aerosol solvent weld cement composition, said method comprising:

(a) obtaining a pressurized aerosol solvent weld cement composition in a dispensing container, said composition comprising:

(1) at least one resin adapted to weld to said plastic pipe;

(2) at least one solvent; and

(3) at least one propellant;

said composition being under a pressure greater than ambient atmospheric pressure;

said composition disposed in a container adapted to contain said pressurized aerosol solvent weld cement composition, said container comprising an outlet and a valve to control the release of said pressurized aerosol solvent weld cement from said container; and

(b) opening said valve so as to cause said pressurized aerosol solvent weld cement composition to be released from said container.

22. A method according to claim 22 wherein said at least one resin is selected from the group consisting of chloropolyvinylchloride resins, polyvinylchloride resins, ABS resins and (butyrate) and acrylic resins.

23. A method according to claim 22 wherein said at least one solvent is selected form the group consisting of tetrahydrofuran, acetone, diethoxyethane, N-methyl pyrroidone, dibasicesters, alkylene carbonates, dimethyl formamide, ethylacetate, methylisobutyl ketone, methyl alcolhol, cyclohexanone, and methylethylketone and mixtures thereof.

24. A method according to claim 22 wherein said aerosol solvent weld cement composition additionally comprises a suspending agent.

25. A method according to claim 22 wherein said at least one propellant is selected from the group consisting of dimethyl ether, isobutane, butane, propane, nitrogen, carbon dioxide, 1-difluoroethane, tetrafluoroethane and mixtures of any two or more of said propellants.

26. A method according to claim 22 wherein said container comprises a 360 degree valve and a unrestricted actuator.

27. A method of welding two sections of plastic pipe at a junction by an aerosol sovent weld cement composition, said method comprising:

(a) obtaining a pressurized aerosol solvent weld cement composition in a dispensing container, said composition comprising:

(1) at least one resin adapted to weld to said plastic pipe;

(2) at least one solvent; and

(3) at least one propellant;

said composition being under a pressure greater than ambient atmospheric pressure;

said composition disposed in a container adapted to contain said pressurized aerosol solvent weld cement composition, said container comprising an outlet and a valve to control the release of said pressurized aerosol solvent weld cement from said container; and

(b) opening said valve so as to cause said pressurized aerosol solvent weld cement composition to be released from said container onto at least one of said two sections of pipe at the prospective location of said junction; and

(c) adjoining said two sections of plastic pipe so as to form said junction by welding action.

28. A method according to claim 29 wherein said at least one resin is selected from the group consisting of chloropolyvinylchloride resins, polyvinylchloride resins, ABS resins ~~and (butyrate)~~ (butyrate resins) and acrylic resins.

29. A method according to claim 29 wherein said at least one solvent is selected form the group consisting of tetrahydrofuran, acetone, diethoxyethane, N-methyl pyrroidone, dibasicesters, alkylene carbonates, dimethyl formamide, ethylacetate, methylisobutyl ketone, methyl alcolhol, cyclohexanone, and methylethylketone and mixtures thereof.

30. A method according to claim 29 wherein said aerosol composition additionally comprises a suspending agent.

31. A method according to claim 29 wherein said at least one propellant is selected from the group consisting of dimethyl ether, isobutane, butane, propane, nitrogen, carbon dioxide, 1-difluoroethane, tetrafluoroethane and mixtures of any two or more of said propellants.

32. A method according to claim 29 wherein said container comprises a 360 degree valve and a unrestricted actuator.